



*Alternating Aperture Phase Shifting
Photomask with Improved Transmission
Balancing*

Atty. Dkt.: 064441.0224
Inventor: Franklin Dean Kalk
Serial No. 10/044,562 Filed 1/11/2002
Sheet 1 of 3

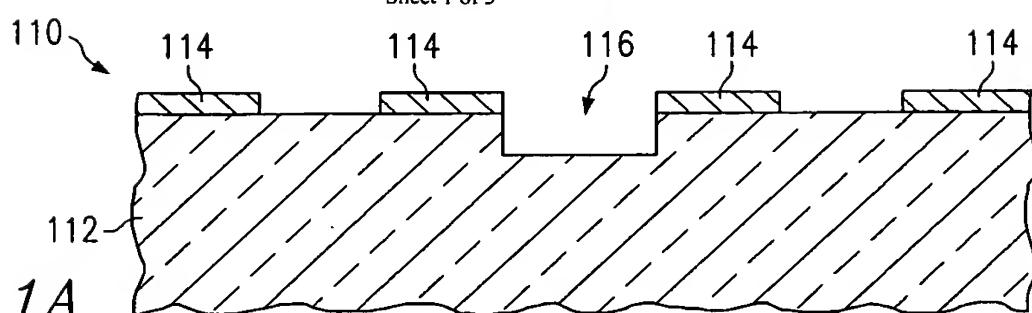


FIG. 1A

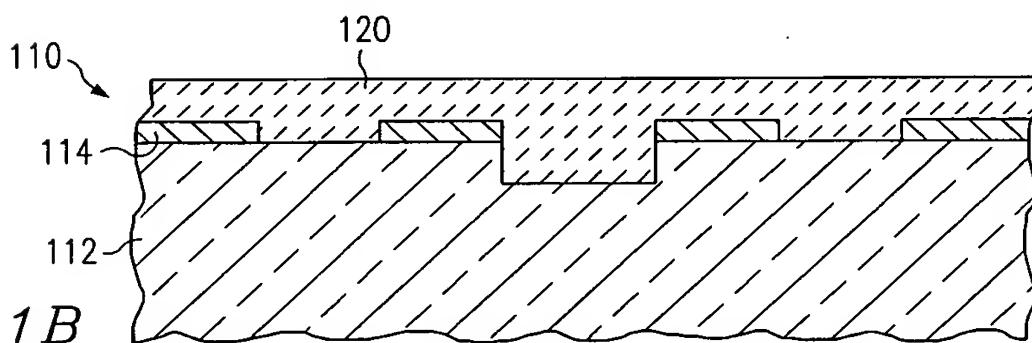


FIG. 1B

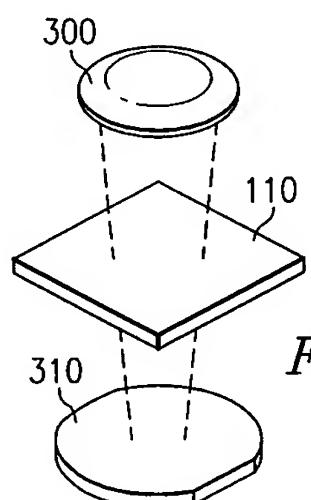


FIG. 2

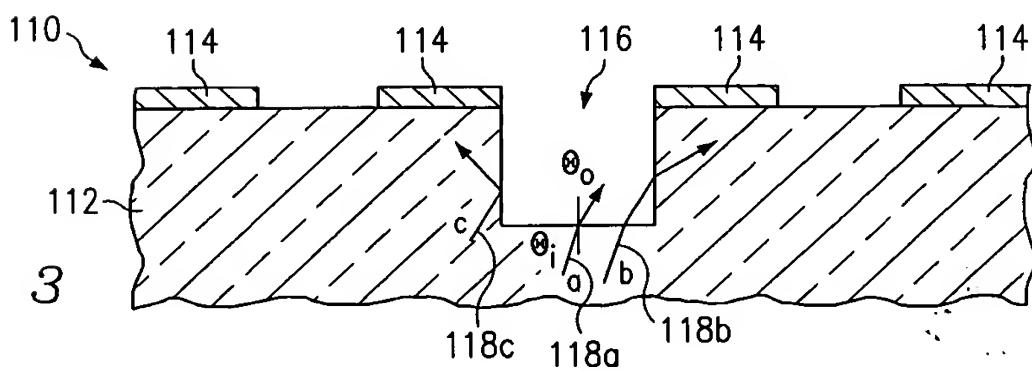


FIG. 3



*Alternating Aperture Phase Shifting
Photomask with Improved Transmission
Balancing*
Atty. Dkt.: 064441.0224
Inventor: Franklin Dean Kalk
Serial No. 10/044,562 Filed 1/11/2002
Sheet 2 of 3

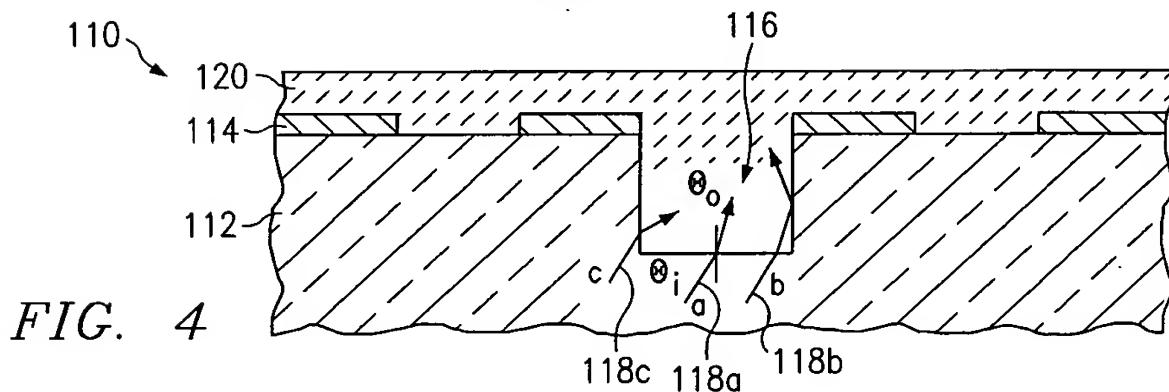


FIG. 4

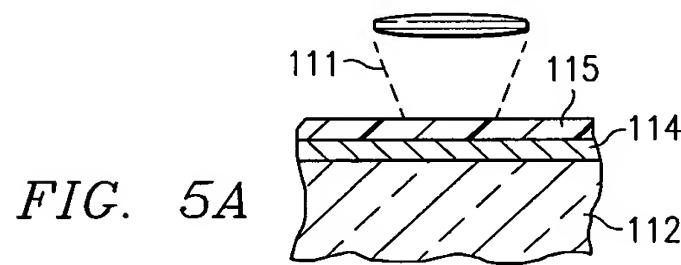


FIG. 5A

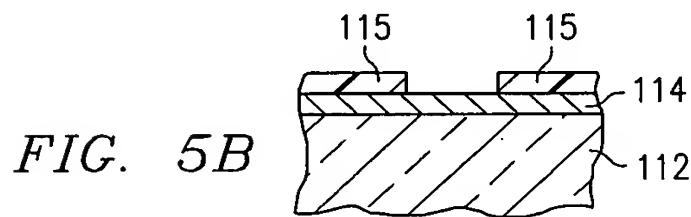


FIG. 5B

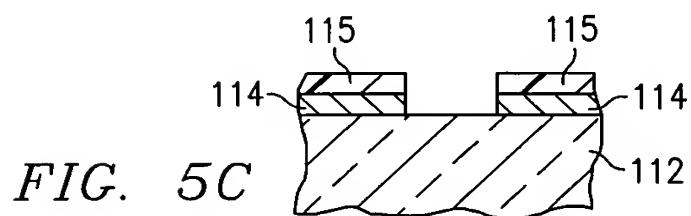


FIG. 5C

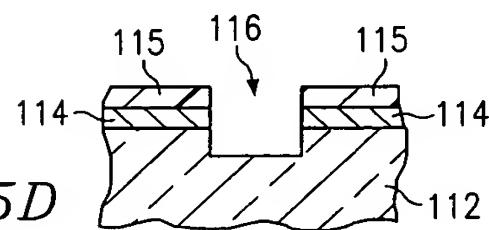


FIG. 5D

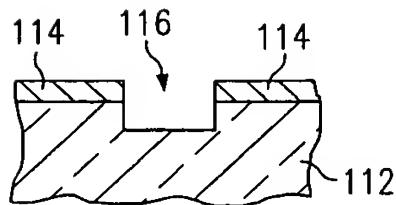


FIG. 5E

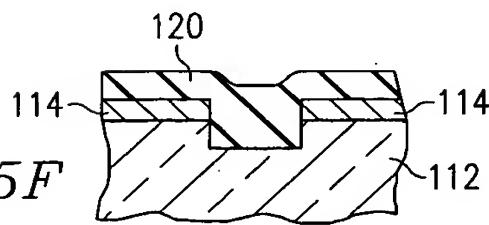


FIG. 5F

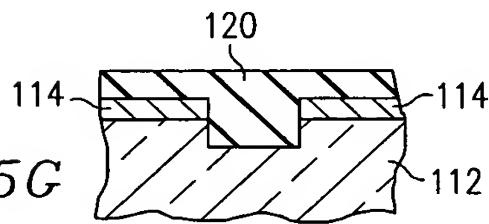


FIG. 5G

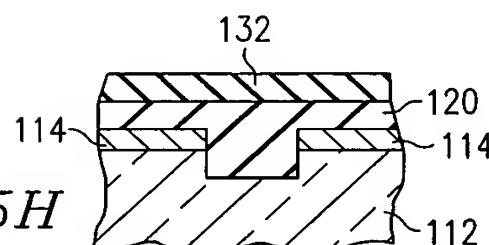


FIG. 5H

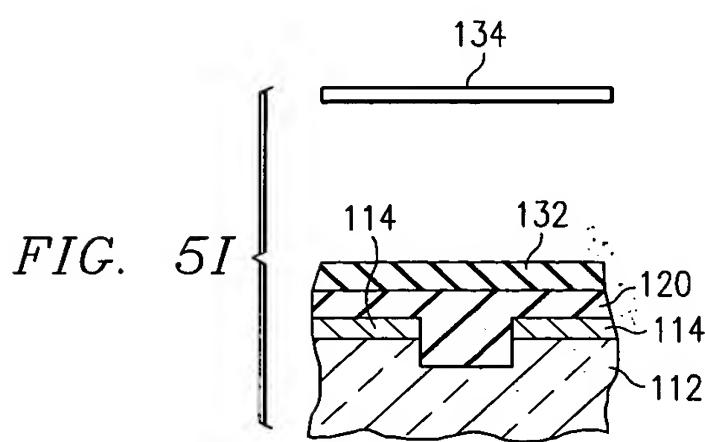


FIG. 5I

FIG. 6

